Tripp Lite
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Model #: OMNIX350HG

Omni Smart UPS System - Line-interactive, medical-grade battery backup

Highlights

- 350VA line interactive tower UPS
- Maintains sine-wave 230V nominal output over an input range of 159 to 266V
- Professional features include USB port, IEC320 plug & outlets, built-in isolation transformer
- Input: IEC320 C14 inlet (230V) / Output: 6 IEC320 C13 (230V)
- 2 line phone suppression for TEL/DSL line protection

Description

Tripp Lite's OMNIX350HG offers medical-grade UPS protection with built-in line interactive voltage regulation, intelligent monitoring and unattended shutdown capability. IEC320 plug & outlets, plus built-in isolation transformer with Faraday shield offers full isolation and removes common mode noise. Tested to CE/IEC 60601-1 as medical electrical equipment. 350VA power handling capacity supports computers, inter-networking equipment and other critical loads during commercial power failures. Line interactive voltage regulation corrects brownouts as low as 159V back to normal 230V levels, saving battery reserves for use only during complete power failures. Includes, 2 line phone surge suppression and built-in USB communications port that works with PowerAlert Software and cabling to provide automatic unattended shutdown of connected network and PC applications.

Applications

Ideal UPS for protection of patient point of care solutions, wireless communications systems, electronic prescribing applications, medical imaging, telemedicine and laboratory equipment. Units tested to CE/IEC 60601-1 provides ultimate safety and reliability for computer equipment used in patient care areas and mission critical equipment. (Not recommended for life support applications.)

Package Includes

- OMNIX350HG Hospital Grade UPS System
- USB communication and telephone cables included
- Warranty information
- Instruction manual

Features

- Ideal UPS protection for applications in medical patient-care areas where CE/ IEC 60601-1 electrical medical equipment is required
- Line-interactive voltage regulation corrects brownouts as low as 159V without using battery power
- IEC320 plug and outlets offer added degree of safety and reliability to input/output connections
- Full line isolation prevents shock potential and operational problems in sensitive electronic equipment
- Resistant to electrostatic discharge
- Supports loads up to 350VA/225 watts
- 37 minutes half load runtime (with 175VA load), 15.5 minutes full load runtime (with 350VA load)
- 6 protected outlets; 6-inch dongle with IEC C14 inlet

- 1-USB port for monitoring interface
- Complete surge protection, line isolation and EMI/RFI noise filtering
- 2 phone line surge suppression for modems, fax machines and other phone accessories
- 2 year product warranty
- Complete remote monitoring cabling included, PowerAlert UPS management software available via free download
- 4 diagnostic LEDs indicate AC present, on battery, voltage correction & battery low/replace
- Battery replacement door
- Grounding lug

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	230V AC
Frequency compatibility	50/60 Hz (auto-sensing)
OUTPUT	
Output VA	350
Output watts	225
Output nominal voltage	230V AC
Output voltage regulation	LINE MODE: Sine wave line voltage 230V (-18% / +8%)
Output frequency regulation	LINE MODE: Passes line frequency of 50/60Hz +/-10%
Outlet quantity / type	6 IEC320 C13 output connections
INPUT	
Maximum input amps	1.8A / 414 watts
Input connection type	IEC320 C14 inlet
Input cord length	6 inch dongle, 16 gauge
Recommended Electrical Service	10A 230V
BATTERY	
Full load runtime	15.5 minutes (350VA)
Half load runtime	37 minutes (175VA)
DC system voltage	12 VDC
Typical battery lifespan	3-6 years, depending on usage
Battery recharge rate	2-4 hours to 90%
Replacement Battery Cartridge	RBC52 (quantity 2)
VOLTAGE REGULATION	
Voltage regulation description	Line interactive UPS offers a single boost level of brownout correction to maintain usable, computer grade output
Direct pass through	Input voltages between 200and 266V AC are passed through unchanged
Brownout correction	Input voltages between 159 and 199V AC are boosted by 14%
LEDS ALARMS & SWITCHES	
Front panel LEDs	Yes, includes 4 front-panel status indicator LEDs for line power, battery power, voltage regulation and battery low/replace status
Alarms	Audible alarm indicates power failure conditions, silenceable via alarm cancel switch. Once cancelled, alarm will resume when approximately 2 minutes of battery operation remain (assuming full load)
Switches	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel functions
SURGE / NOISE SUPPRESSION	

AC suppression response time	Instantaneous
Dataline suppression	2-Line Tel/DSL
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	27.4
Shipping weight (kg)	12.3
Unit weight (lbs)	25.4
Unit weight (kg)	11.4
Unit Dimensions (HWD/in)	10.6 x 5.2 x 7.4
Unit Dimensions (HWD/cm)	27 x 13.2 x 18.8
Material of construction	PVC
Form factors supported	Tower
Cooling method	Convection
Battery Access	Battery access door allows hot-swap battery replacement without powering connected equipment off
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
COMMUNICATIONS	
Network monitoring port	USB communications port
Software and cabling included	Ships with USB cable, PowerAlert software available via free download from www.tripplite.com
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	159V (resets to line power as voltage increases to 167V)
High voltage transfer to battery power	266V (resets to line power as voltage decreases to 259V)
SPECIAL FEATURES	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance	Attractive gray tower UPS
CERTIFICATIONS	
Certifications	Tested to CE/ IEC 60601-1 (Series AGOM6832), Class B (emissions)
WARRANTY	
Product Warranty Period	2 year product warranty
Optional Coverage	

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4027.

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